

# ABSTRACT

Correcting a signal offset may include observing a finite duration signal  $y_n$  that comprises a representation of a mixture of a desired signal and an undesired signal. The undesired signal may include an offset component which may be modeled as comprising a step function  $u$  defined by unknown step function parameters. The unknown step function parameters may be estimated using, for example, a maximum likelihood method. Thereafter,  $y_n$  may be corrected based on the estimated step function parameters.

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